



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Alex Nugent
SERIAL NO.: 10/748,631
FILED: 12/30/2003
TITLE: APPLICATION OF HEBBIAN AND ANTI-HEBBIAN LEARNING TO NANOTECHNOLOGY-BASED PHYSICAL NEURAL NETWORKS

EXAMINER: Mai T Trai
GROUP: 2129
ATTY DKT NO.: 1000-1216

CERTIFICATE OF MAILING BY 1st CLASS MAIL

Please forward all correspondence to:
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*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to the Commissioner of Patents, P.O. Box 1450 Alexandria, VA 22313-1450 on **Nov. 30, 2006***

Kermit Lopez

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**AMENDMENTS, REPLY TO FINAL OFFICE ACTION
AND REQUEST FOR RECONSIDERATION
UNDER 37 C.F.R. § 1.111**

Dear Sir:

In response to the Office Action dated November 2, 2006 in the above captioned matter, please enter the following amendments and remarks:

Amendments to claims begin on Page 2 of this Paper.

Amendments to the specification begin on Page 6 of this Paper.

Remarks begin on Page 7 of this Paper.